



# hf Happenings



no 492

February 2012

South African Radio League 1925 - 2011 Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union Region 1  
Subscribe to hf Happenings via [hf\\_happenings-subscribe@yahoogroups.com](mailto:hf_happenings-subscribe@yahoogroups.com)  
[http://groups.yahoo.com/group/hf\\_happenings/](http://groups.yahoo.com/group/hf_happenings/)

## *Special WRC Report #3 - The Amateur Radio Service gains a band near 500 kHz*

Rod Stafford, W6ROD, IARU Secretary, reports that the worldwide amateur radio service has a new frequency band, 472 to 479 kHz. It is a secondary allocation. There are other services in that portion of the spectrum that must not be interfered with by the amateur operation.

The aeronautical radionavigation service is a primary service in the band 415 - 495 kHz in the following areas: Australia, China, the French overseas communities of Region 3, Korea (Rep. of), India, Iran (Islamic Republic of), Japan, Pakistan, Papua New Guinea and Sri Lanka.

The aeronautical radionavigation service is a primary service in the band 435 - 495 kHz in the following areas: Armenia, Azerbaijan, Belarus, the Russian Federation, Kazakhstan, Latvia, Uzbekistan and Kyrgyzstan.

The amateurs are allowed to use the band so long as it does not cause interference to this primary service or the maritime mobile service operating in the 472 - 479 kHz band.

Some countries will not allow amateur radio operation in the 472 - 479 kHz band. The use of the frequency band 472 - 479 kHz in Algeria, Saudi Arabia, Azerbaijan, Bahrain, Belarus, China, Comoros, Djibouti, Egypt, United Arab Emirates, the Russian Federation, Iraq, Jordan, Kazakhstan, Kuwait, Lebanon, Libya, Mauritania, Oman, Uzbekistan, Qatar, Syrian Arab Republic, Kyrgyzstan, Somalia, Sudan, Tunisia and Yemen is limited to the maritime mobile and aeronautical radionavigation services. The amateur service shall not be used in the above-mentioned countries in this frequency band, and this should be taken into account by the countries authorizing such use.

The ITU Radio Regulations provide that radio amateurs are limited to 1 watt (e.i.r.p.), however administrations whose territory is beyond 800 kilometres from the borders of the following countries may increase the operating power to 5 watts (e.i.r.p.): Algeria, Saudi Arabia, Azerbaijan, Bahrain, Belarus, China, Comoros, Djibouti, Egypt, United Arab Emirates, the Russian Federation, Iran (Islamic Republic of), Iraq, Jordan, Kazakhstan, Kuwait, Lebanon, Libya, Morocco, Mauritania, Oman, Uzbekistan, Qatar, Syrian Arab Republic, Kyrgyzstan, Somalia, Sudan, Tunisia, Ukraine and Yemen.

The change becomes effective with the adoption of the Final Acts of the Conference. Of course, it will be determined by each administration around the world as to what modes and bandwidths will be used in this portion of the spectrum and when hams in that country will have access to the spectrum.

*Have YOU done anything to promote Amateur Radio this month?*





More activities from the WRC-12 will be reported at the end of the WRC. The WRC continues until 17 February. There is an effort underway to place an amateur radio agenda item on the agenda for the next WRC, which will take place in 2015.

The IARU E-Letter is published on behalf of the Administrative Council of the International Amateur Radio Union by the IARU International Secretariat. Editor: Rod Stafford, W6ROD, IARU Secretary. Material from The IARU E-Letter may be republished or reproduced in whole or in part in any form without additional permission. Credit must be given to The IARU E-Letter and The International Amateur Radio Union.

### *WRC-15 and WRC 18*

Wednesday, 15 February 2012. Today the WRC-12 plenary meeting went over the list of future Agenda Items (for WRC-15 and WRC-18) in the second reading. I am happy to report that the meeting agreed that WRC-15 will consider a possible new secondary amateur allocation within the band 5 250 - 5 450 kHz in accordance with Resolution COM6/12 (WRC-12). Earlier today, the WRC-12 Plenary came to an agreement in first reading on the text of the Resolution.

### *Field Day BBQ Cookbook Published*

Steve, M0MVB, says we all love amateur radio that's why we're take part in the hobby, a lot of us also take part in field days and other events that require us to set up radio stations in various places, be it a field for a contest over a weekend or at a church fete to promote the hobby, etc.

We all also need to eat, so I have combined my love of doing field days and food by writing a BBQ cookbook aimed at the amateur radio operator.

It has over 100 recipes as well as covering what is the best BBQ to take on field days and loads of other help. The full price of A Dot of Butter and a Dash of Spice is £9.99 but there is a 10% discount for a short time.

The book *A Dot of Butter and a Dash of Spice* can be previewed and ordered at [http://www.lulu.com/product/paperback/a-dot-of-butter-and-a-dash-of-spice/18881119?productTrackingContext=search\\_results/search\\_shelf/center/1](http://www.lulu.com/product/paperback/a-dot-of-butter-and-a-dash-of-spice/18881119?productTrackingContext=search_results/search_shelf/center/1)



When is it a BBQ, a Barbie or a Braai? My daughter Chantelle summed it up as follows - "If you use gas, it is a BBQ. If you use wood or charcoal, then it is a Braai. A Barbie is a small plastic doll."

### *The 2012 ARRL International DX CW contest takes to the air this weekend*

CW DXing and contesting take centre stage the weekend of 18 and 19 February, as the 2012 ARRL International DX CW Contest takes to the airwaves. "After years of lacklustre conditions on 15 and 10 meters, 2011 finally saw the propagation gods giving us a break," said ARRL

Have **YOU** done anything to promote *Amateur Radio* this month?





Contest Branch Manager Sean Kutzko, KX9X. "Since September 2011, the high bands have been in excellent shape, with worldwide openings on 15 and 10 meters becoming an almost-daily occurrence. As a result, activity has spiked in almost every major contest, with hundreds more logs being submitted. If conditions hold - and I don't see why they wouldn't - we're in for another high-band treat in another week or so."

Read more here

<http://www.arrl.org/news/the-2012-arrl-international-dx-cw-contest-takes-to-the-air-next-weekend>.

### Leap Year Challenge

You are invited to take part in the Leap Year Challenge on Wednesday 29 February 2012 and make as many contacts as you can on this day. The challenge starts at 00:01 and ends at 23:59 CAT with phone, CW and digital activity on all bands - HF, VHF, UHF and microwaves. It is NOT a contest, there is no contest exchange!

#### Rules

1. Work a station once only regardless of band, mode or call sign. E.g. if you work ZS4BS on 40 m SSB, you have worked him, full stop. A later contact with ZS4BS on 80 m SSB, 20 m CW, 17 m PSK31 or 6 m JT65 is not valid. A later contact with ZS4BS operating ZS4BFN or ZS4AFV is not valid.
2. Submit your log by e-mail to [zs4bfm@netactive.co.za](mailto:zs4bfm@netactive.co.za) by midnight Friday 2 March 2012.

A SARL membership (sponsored by ZS4BS) is up for grabs for the log received with the most QSOs made. If you do not take part, you will have to wait until 2016 to put the date 29 February into your logbook!

### How do you type symbols like Ø in Microsoft Word?

If you happen to know the character's four-digit numeric code, you can use the ALT key to enter it directly. Otherwise, use the Alt-i "Insert" menu. With the cursor at the point where you want the symbol, type Alt-I, then type s for symbol. A symbol entry window will appear. You can find most of the interesting symbols radio amateurs need by selecting the Symbol font and scrolling up and down.

### Word to the Wise

Radio amateurs put up **antennas** but insects have **antennae**. Just thought you would like to know!

### African DX

Tunisia, 3V. SWL Ashraf "Ash," 3V4-002 (KF5EYY), will be active as 3V8SS from the "Radio Club Station of Tunisian Scouts" in Sousse, during the ARRL DX CW Contest (18 and 19 Febru-

### February 2012

2 - World Wetlands Day  
5 - AWA CW Activity Day  
5 - SARL Intecnet  
10 to 12 - The Getaway Off-Road Trailer Rally, Mabalingwe, Limpopo  
14 Valentines Day  
11 and 12 - SARL National Field Day  
16 to 18 - The Unlimited Dusi Canoe Marathon 2012, Pietermaritzburg  
18 and 19 - ARRL International DX CW Contest  
24 to 26 - Robertson Wine Valley's Hands-On Harvest Festival  
25 and 26 - Duesouth Xterra South African Championships, Grabouw  
26 - SARL Digital Contest  
26 - 10<sup>th</sup> annual Kilimanjaro Marathon, Tanzania  
29 - Leap Year Challenge

Have **YOU** done anything to promote **Amateur Radio** this month?





ary) as a Single-Op/All-Band/Low-Power entry. QSL via LoTW or to LX1NO. Read about Ashraf on the following Web page at <http://www.kf5eyy.com>

Somalia, 6O. By the time you read this, Darko, J28AA/E70A, is expected to be active (on Monday 13 February) from Hargeisa until 20 February. Mixed reports about his call sign indicate that he will probably use 6O3A and not 6O0DX as first announced. In addition, reports indicate that he will return to the Minister of Telecom on Monday to give a live demonstration of operating (probably on 15 or 20 metres SSB), whereby his license and call sign will be granted. Using a FT-857D into a multi-band vertical antenna, Darko will be active on 40-10 meters using CW and SSB. While there Darko will also try to teach and demonstrate amateur radio to the locals in Hargeisa and possibly establish a radio club by donating an IC-735 transceiver with an antenna. QSL via K2PF.

Senegal, 6V. Vladimir, RK4FF, will be active as 6V7S from Le Calao in Ngaparou between now and 22 February. Activity is on 80, 40, 20, 15 and 10 metres using CW, SSB and RTTY. QSL via RK4FF.

Botswana, A2 (DXpedition Update). Operators Frosty, K5LBU (A25CF), Keith, VE7MID, Don, VE7DS (A25DS) and another operator to be named later will be active from the Lotsane Safari Lodge between 18 and 27 March. The group plans to be active in the CQ WW WPX SSB Contest (24 and 25 March) as A25HQ. They will have about 3 rigs and a log periodic plus wire antenna covering 160 metres and up. Look for more details to be forthcoming.

Guinea-Bissau, J5. The Verona Section of A.R.I. (Italian Radioamateurs Association) is organising by the means of a group of its members called "Verona DX Team" a DXpedition [with a humanitarian and amateur radio purposes] to Guinea-Bissau - one of the poorest countries in the world. Guinea-Bissau is "most wanted," especially on CW, RTTY and the Digital modes, and has never been activated on EME. The EME operations are scheduled to take place between 24 March and 6 April. In addition to the VHF, they will try to be operative on UHF and 6 metres too. The callsign will be J52EME, and the location will be in the Cumura Mission (WW Locator IK21dt). The suggested frequencies are 144,130, 432,090 and 50,200 MHz. Simultaneously they will also be active as J52HF with two stations on the HF bands, 80 - 6 metres using all modes. The suggested frequencies are CW - 3 520, 7 020, 10 105, 14 020, 18 075, 21 020, 24 895 and 28 020 kHz; SSB - 3 780, 7 065/7 160, 14 150, 18 150, 21 300, 24 945 and 28 430 kHz; RTTY - 3 580, 7 050, 10 140, 14 080, 18 100, 21 080, 24 920 and 28 080 kHz. 6 m - Skeds only for both CW and SSB (See Web page for details.)

Operations will be based mainly on RTTY and CW modes, but that does not mean that they will not be active on SSB. They will be present in the CQ WW WPX SSB Contest (24 and 25 March). Operators mentioned are Lucio, I3LDP (Team Leader, SSB, RTTY, 6 m), Silverio, IK3IUL (CW, SSB, RTTY), Livio, IZ3BUR (SSB, RTTY), Walter, I3VJW (CW, SSB, RTTY), Libero, IK3RBE (SSB, RTTY, 6 m), Enzo, IK2VVD (SSB, CW), Milena, IK3VZJ (RTTY, SSB), Tony, IK3ESB (SSB, CW, RTTY, 6 m) and Ilario, IZ3STA (SSB, RTTY, 6 m). QSL via I3LDP, direct or by the Bureau. See the Web page for more details about QSLing. For more details and updates, visit the J52 DXpedition Web page at <http://www.ari.verona.it/veronadxteam/en/index.htm>

## *African Islands*

*Have YOU done anything to promote Amateur Radio this month?*







Annobon Island and Equatorial Guinea, 3C0 & 3C6. Operators Elmo, EA5BYP, and Javier, EA5KM, will once again be active from Annobon Island (AF-039) and Bioko Island (AF-010, DXCC - Equatorial Guinea) using the call signs 3C0E and 3C6A, respectively. The official dates have been announced this past week. The whole DXpedition will take place between 22 February and 11 March. Operations will take place from the following islands - 3C6A - Bioko Island, between 22 and 26 February; 3C0E - Annobon Island (Pagalu); between 28 February and 11 March.

QSL both call signs via EA5BYP: Elmo Bernabé Coll, PO Box 3097, 03080 Alicante, Spain. They are looking for sponsors for this very expensive operation. For more details and updates, watch the Web page at <http://www.gdgdxc.net/3c0e/index.php>

Cape Verde, D4. Rick, N6KT, will be active as D44TRS from Cape Verde (AF-005) between 17 and 29 March. Details of activity were not provided, but he will be active as D4A during the CQ WW WPX SSB Contest (24 and 25 March). QSL via KU9C.

Alborán Island, AF-042. Members of the "Invoker Team" will be active as EG3INT/7 from Alborán Island (WLOTA 1061, ARLHS SPA-145, DIE S-001, DME 04013, WW Grid IM85lw), an island halfway between Europe and Africa, between 16 and 20 February. The team plans to have up to 3 simultaneous stations on air, covering most HF bands in order to give a fair chance to all operators world-wide who need this IOTA reference, working mostly on SSB and CW modes. Operators mentioned are Jordi, EA3ATM, Jaume, EA3DW, Christian, EA3NT, Ramon, EA3OR, and Raul, EA5KA. QSL via EA5KA. To read the complete press release, go to QRZ.com - under EG3INT/7.

Ascension Island, ZD8. Operators Jim, N6TJ, and Rick, N6ND, will be active as ZD8Z and ZD8R, respectively, from Ascension Island (AF-003) between 13 and 28 February. Jim is expected to be in the ARRL DX CW Contest (18 and 19 February) as a Single-Op/All-Band-High-Power entry. QSL ZD8Z via AI4U, direct or by the Bureau. QSL ZD8R via N6ND.

## Contest Calendar

*This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 13 to 20 February 2012.*

Classic Exchange, Phone

14:00 UTC 12 February to 08:00 UTC 13 February

Mode: AM, SSB, FM

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: (none)

Exchange: Name, RS, state, province or country and rcvr/xmtr manuf/model

Work stations: Once per band per mode per rcvr/xmtr manuf/model

QSO Points: 1 point per QSO; Bonus: 1 000 points for using same receiver as when a Novice; 1 000 points for using same transmitter as when a Novice; 1 000 points for using a Collins receiver; 1 000 points for using a Collins transmitter

Multipliers: (see rules)

Score Calculation: Total score = sum (total mode QSO points x total mode mults) and Bonus Points

Submit logs by: 15 April 2012

E-mail logs to: [WQ8U@nc.rr.com](mailto:WQ8U@nc.rr.com)

Mail logs to: WQ8U, 104 W. Queen St., Hillsborough, NC 27278, USA

Find rules at: <http://www.classicexchange.org/jan12/jan12ann.html>

*Have YOU done anything to promote Amateur Radio this month?*





ARRL School Club Roundup: 13:00 UTC 13 February to 2400Z 17 February

Mode: CW/RTTY/Digital, Phone

Bands: All, except 60, 30, 17, 12 m

Classes: Single Op (I); Club/Multi-Op (C); School Club/Group (S)

Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes

Exchange: RS(T), Class (I/C/S) and state, province or country

Work stations: Once per mode

QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO

Multipliers: States and VE provinces and DXCC countries and (2x class C QSOs) and (5x class S QSOs) and (5x QSOs with KA2NRR)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 March 2012

E-mail logs to: [SCR@limarc.org](mailto:SCR@limarc.org)

Mail logs to: School Club Roundup, c/o LIMARC, PO Box 392, Levittown, NY 11756, USA

Find rules at: <http://www.arrl.org/school-club-roundup>

PODXS 070 Club Valentine Sprint

20:00 local 14 February to 02:00 local 15 February

Mode: PSK31

Bands: 160, 80, 40 m

Classes: OM - QRP or LP; YL - QRP or LP

Max power: LP: 50 watts; QRP: 5 watts

Exchange: Name, OM or YL and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO with OM; 2 points per QSO with YL

Multipliers: Each state, province and DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 28 February 2012

E-mail logs to: [w4krn@his.com](mailto:w4krn@his.com)

Mail logs to: Karen Russo, W4KRN, 7720 Willow Pond Lane, Nokesville, VA 20181, USA

Find rules at: <http://www.podxs070.com/valentine-sprint>

NAQCC Straight Key/Bug Sprint

01:30 - 03:30 UTC 15 February

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 18 February 2012

E-mail logs to: [naqcc33@windstream.net](mailto:naqcc33@windstream.net)

Upload log at: <http://naqcc.n4lcd.com/sprintlog.html>

Have **YOU** done anything to promote *Amateur Radio* this month?





Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at: <http://naqcc.info/sprint201202.html>

QRP Fox Hunt

02:00 - 03:30 UTC 15 February

Mode: CW

Bands: 80 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 16 February 2012

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

AGCW Semi-Automatic Key Evening

19:00 - 20:30 UTC 15 February

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST, serial no, "/" and 2-digit year first used a bug

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus: Any participant having at least 10 QSOs can give a bonus of 5 points to another op for excellent usage of his bug

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 15 March 2012

E-mail logs to: [semiautomatic@agcw.de](mailto:semiautomatic@agcw.de)

Mail logs to: Manager: Ulf-Dietmar Ernst, DK9KR, Elbstrasse 60, D-28199 Bremen, Germany

Find rules at: [http://www.agcw.org/en/?Contests:Semi\\_Automatic\\_Key\\_evening](http://www.agcw.org/en/?Contests:Semi_Automatic_Key_evening)

RSGB 80 m Club Championship, Data

20:00 - 21:30 UTC 15 February

Mode: RTTY, PSK

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 22 February 2012

Upload log at: <http://www.vhfcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsqbcc.org/hf/rules/2012/r80mcc.shtml>

Have **YOU** done anything to promote *Amateur Radio* this month?





#### QRP Fox Hunt

02:00 - 03:30 UTC 17 February

Mode: CW

Bands: 40 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 18 February 2012

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

#### NCCC Sprint Ladder

02:30 - 03:00 UTC 17 February

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO

non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 February 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### Russian PSK WW Contest

21:00 UTC 17 February to 21:00 UTC 18 February

Mode: BPSK31, BPSK63, BPSK125

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band

Max power: 100 watts

Exchange: RU: RST and 2-letter oblast; non-RU: RST and Serial No.

QSO Points: 1 point per QSO with same country on 20, 15, 10 m; 3 points per QSO with different country same continent on 20, 15, 10 m; 5 points per QSO with different continent on 20, 15, 10 m; 2 point per QSO with same country on 160, 80, 40 m; 6 points per QSO with different country same continent on 160, 80, 40 m; 10 points per QSO with different continent on 160, 80, 40 m

Multipliers: Each country once per band; Each oblast once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 March 2012

Have **YOU** done anything to promote *Amateur Radio* this month?







E-mail logs to: [contest@epc-ru.ru](mailto:contest@epc-ru.ru)

Mail logs to: (none)

Find rules at:

[http://www.epc-ru.ru/index.php?option=com\\_content&task=view&id=562&Itemid=192](http://www.epc-ru.ru/index.php?option=com_content&task=view&id=562&Itemid=192)

ARRL International DX CW Contest

00:00 UTC 18 February to 24:00 UTC 19 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band (QRP/Low/High); Single Op Single Band; Single Op Unlimited (Low/High); Multi-Single (Low/High); Multi-Two; Multi-Multi

Max power: HP: 1 500 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: RST and state or province; non-W/VE: RST and power

Work stations: Once per band

QSO Points: 3 points per QSO

Multipliers: W/VE: Each DXCC country once per band; Non-W/VE: Each state, District of Columbia, VE province/territory once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 20 March 2012

E-mail logs to: [DXCW@arrl.org](mailto:DXCW@arrl.org)

Mail logs to: ARRL Intl DX Contest, CW, ARRL, 225 Main St., Newington, CT 06111, USA

Find rules at: <http://www.arrl.org/arrl-dx>

Feld Hell Sprint

20:00 - 22:00 UTC 18 February

Mode: Feld Hell

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 25 February 2012

E-mail logs to: [kj8o@wowway.com](mailto:kj8o@wowway.com)

Mail logs to: (none)

Find rules at: <http://sites.google.com/site/feldhellclub/Home/contests>

AWA Amplitude Modulation QSO Party

23:00 UTC 18 February to 23:00 UTC 19 February

Mode: AM

Bands: 80, 40, 20 m

Classes: (none)

Exchange: RS

QSO Points: 1 point per QSO; 20 points per QSO with W2AN or W1HRX

Multipliers: (none)

Score Calculation: Total score = total QSO points

Have **YOU** done anything to promote *Amateur Radio* this month?





Submit logs by: 19 March 2012

E-mail logs to: [lbisha@rochester.rr.com](mailto:lbisha@rochester.rr.com)

Mail logs to: Lynn Bisha, W2BSN, 83 Parkwood Lane, Penfield, NY 14526-1307, USA

Find rules at: <http://www.antiquewireless.org/hamevents2010.htm>

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 20 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 26 February 2012

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

## Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 22 February

QRP Fox Hunt, 02:00 - 03:30 UTC 22 February

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 22 February and 03:00 - 04:00 UTC 23 February

RSGB 80 m Club Championship, CW, 20:00 - 21:30 UTC 23 February

QRP Fox Hunt 02:00 - 03:30 UTC 24 February

NCCC Sprint Ladder 02:30 UTC-03:00 UTC 24 February

CQ 160-Meter SSB Contest, 22:00 UTC 24 February to 21:59 UTC 26 February

REF SSB Contest, 06:00 UTC 25 February to 18:00 UTC 26 February

UBA DX CW Contest, 13:00 UTC 25 February to 13:00 UTC 26 February

Mississippi QSO Party, 15:00 UTC 25 February to 03:00 UTC 26 February

North American RTTY QSO Party, 18:00 UTC 25 February to 06:00 UTC 26 February

High Speed Club CW Contest, 09:00 - 11:00 UTC and 15:00 - 17:00 UTC 26 February

SARL Digital Contest, 13:00 - 16:00 UTC 26 February

North Carolina QSO Party, 17:00 UTC 26 February to 03:00 UTC 27 February

CQC Winter QSO Sprint, 01:00 - 02:59 UTC 27 February

## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 13 February 2012.

Have **YOU** done anything to promote *Amateur Radio* this month?

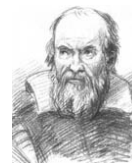




1564 - Birth of Galileo Galilei (15 Feb)

1587 - Tycho Brahe first sketches the Tychonic system of the solar system (13 Feb)

1633 - Italian astronomer Galileo Galilei arrives in Rome for trial before the Inquisition for professing belief that the earth revolves around the Sun (13 Feb)



1745 - Birth of Alessandro Volta (18 Feb)

1747 A paper on the discovery of Earth's wobbling motion on its axis by British astronomer, James Bradley was read at the Royal Society (14 Feb)

1818 - Baron Karl von Drais de Sauerbrun patented the "draisine," the forerunner of the bicycle (18 Feb)

1854 - Britain recognises the independence of the Orange Free State Republic (17 Feb)

1867 - Johann Strauss' 'Blue Danube' waltz premieres in Vienna (13 Feb)

1876 - A direct telegraph link was established between Britain and New Zealand (18 Feb)

1878 The phonograph was patented by Thomas A. Edison

1895 - A French patent was issued for the Cinématographe, a combined motion-picture camera and projector (13 Feb)

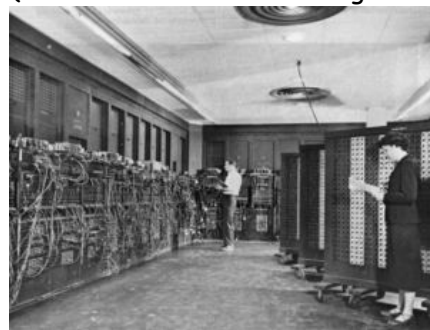
1923 - Howard Carter finds Pharaoh Tutankhamen (16 Feb); Birth of Chuck Yeager (13 Feb)

1924 - The tomb of Pharaoh Tutankhamen is opened (13 Feb)

1933 - The first telephone speaking clock came into operation in the Paris area (14 Feb)

1946 - The first commercial helicopter, the four-seat Sikorsky S51, single rotor helicopter first flew (16 Feb)

1946 - The world's first electronic digital computer, ENIAC (Electronic Numerical Integrator and Calculator), is first demonstrated at the Moore School of Electrical Engineering at the University of Pennsylvania, by John W. Mauchly and J. Presper Eckert.



1950 - Birth of Peter Gabriel (13 Feb)

1954 - Birth of John Travolta (18 Feb)

1959 - Barbie doll goes on sale (13 Feb); Birth of John McEnroe (16 Feb)

1971 - After 1 200 years, Britain abandons the 12 shilling system for decimal

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

#### SARL News

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
06:15 / 08:15 *	7 066 / 7 098	From Pretoria /	Southern Africa	Afrikaans
06:30 / 08:30 *	7 066 / 7 098	Port Elizabeth	Southern Africa	English
Various 2 metre and 70 cm repeaters and Echolink country wide				

#### Amateur Radio Today

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
08:00 - 09:00 /	7 082	From Durban	Southern Africa	English
10:00 - 11:00 *	Various 2 metre and 70 cm repeaters and Echolink country wide			

#### Amateur Radio Today shortwave broadcast information

Time (UTC / CAT)	Freq (kHz)	Tx kW	Target Area	Language
08:00 - 09:00 /	7 205	100	Southern Africa	English

Have **YOU** done anything to promote **Amateur Radio** this month?





10:00 - 11:00 *	17 760	250	East Africa	English
17:30 - 18:30 /	4 895	100	Southern Africa	English
19:30 - 20:30 **				
* Sunday ** Monday				

*Amateurradio in Aksie*

Dorp	Frekwensie	Tyd en dekking
Bloemfontein	145,600 MHz	Maandagaande 20:30 vanaf die Naval Hill herhaler
Kaap	145,700 MHz	Maandagaande 20:30 in die Boland
Pretoria	145,750 MHz	Woensdagaand net na die ZS6MRK bulletin
Pretoria HF	3 680 kHz	Woensdagaand net na die ZS6MRK bulletin
Rustenburg	145,500 MHz	Maandagaande 20:30
Sasolburg	145,600 MHz	Maandagaande 20:00 dekking in die hele Vaaldriehoek

